

POTOMAC VALLEY RADIO CLUB NEWSLETTER - APRIL 1999

PVRC CALENDAR

Weekly	Wed	BWI Regional weekly breakfast. Wednesdays 7:30 am, Basil's Deli, Elkridge Landing Rd near BWI.
Apr 1	Thu	PVRC/NC, Ryan's Family Steakhouse at Crossroads, Cary at 6pm
Apr 5	Mon	South MD at Wayne Rogers, N1WR, Lusby, MD, 7:30 pm
Apr 11	Sun	Eastern shore meeting, 1:00 pm at NV3V, Jim Bruce, 417 N. Main St, Greensboro, MD. 146.52 MHz
Apr 12	Mon	Central meeting, Rm 242, George Marshall High School. SEE BELOW
Apr 16	Fri	SWVA Chapter Meeting, Steak & Ale Restr, Rt419, Roanoke. Dinner 6:00pm
Apr 20	Tue	Northwest meeting, Tully's Grill, 1080 W. Patrick St, Frederick, MD at 7:30 pm
Apr 20	Tue	Normal Tidewater Colony meeting with VA-DXCC. See reference page.
May 3	Mon	South MD at Wayne Rogers, N1WR, Lusby, MD, 7:30 pm
May 6	Thu	PVRC/NC, Ryan's Family Steakhouse at Crossroads, Cary at 6pm
May 10	Mon	Central meeting, Church of the nativity, Rte 5, Temple Hills,
May 14-16		Dayton '99 Hamvention, Dayton, OH
May 18	Tue	Northwest meeting, Tully's Grill, 1080 W. Patrick St, Frederick, 7:30pm
May 18	Tue	Tidewater Colony meeting with VA-DXCC. See reference.
May 29/30		CQ WPX CW Contest - 5 Mil award
June 19	Sat	Joint PVRC/FRC meeting, 12:00 noon at W3LPL, Glenwood, MD

THE MAY ISSUE WILL BE OUR ANNUAL JUMBO EDITION sent to all PVRC'ers worldwide with the membership roster, reunion on-the-air announcement, news and minutes, and I hope some articles summarizing our accomplishments since last May. This is a request for articles of interest to those who have move out of area and inactive PVRC'ers in the area.

The roster will be printed separately; the deadline for roster changes to W2GG is the 15th. (The paper edition will contain the complete roster while the email edition will contain only your call, name, and address. The deadline for articles and news is the 21st of April.

I especially want to include dates of summer open houses and picnics. The May issue will be your one time shot to get information to our distant members and inactive local members via this Newsletter. The distant member may wish to plan their summer trip to the area to include such activities. And perhaps receiving this issue will nudge a couple locals back into contesting. -editor

DONATIONS REPORT by Dave Baugher, WR3L, Treas. (3/23/99)

The club would like to thank K4JA, W3UJ, N3CW, KR4IQ, and WA4BKW for the donations to PVRC.

CENTRAL MEETING MINUTES, MAR 8, 1999 by Rich Boyd, KE3Q, Sec

Attending the "general" meeting were K3MM, KE3Q, K4VV, W3DAD, K2XLR, WR3L, W3DQ, W3AZ, N6CZG, K3ZO, W3TOM, N1WR, WR3Z.

Though we were prepared to show a videotape tour of K1ZM's station, with an emphasis on his 160 meter stations, all our meeting time was taken up with "war stories," as we went around giving each person time to talk to his recent contest activities and anything else that was on his mind.

W3YOZ announced he's chosen the date for this year's Fowlfest. It's August 14th, at his site in Churchton, Maryland as usual.

KE3Q recounted his adventures at WP3R single op in ARRL DX CW and as a floater op (did most of Sunday on 15) at W3LPL M/M in ARRL DX phone. WR3L was joined by WR3Z for ARRL CW and by AA3SC on phone.

K2XLR has been helping put up antennas at W3TOM and is moving from Temple Hills, MD to Indian Head, MD. Steve spends every other weekend in Virginia Beach visiting his kids.

W3YOZ mentioned the Fowlfest date and that his mountaintop QTH in Pennsylvania is coming along.

K4VV says the new Virginia state rule on tower height caused him to "zoom his tower" up from 65' to 75'. (Every little bit helps). He was joined by W4LIP and W1HIR in the ARRL DX (phone?) and they spent some of the time troubleshooting interference with such as computers and telephones.

W3DAD shows you can do it with small antennas. He made 771 QSOs in ARRL DX CW with his Butternut vertical on the lower bands and Butternut butterfly HF antenna at 35'. Kevin also spent time in the UBA, RSGB, and RTTY contests.

WK3I cranked up the power from 5W to 100W for the CQ 160 phone because conditions weren't as good. He hooks up his printer so it backs up his log by printing out each QSO as he goes. This time it caused some problems and for a while he worried he'd lost a lot of QSOs but he eventually was able to get them to print out.

W3ZZ has been testing the HF waters again; this time from his home station, QRP. He says he put in a full effort last fall in CQWW CW and is still recovering. He was part of the W3GNQ crew again in ARRL phone using a TH7 at 120' (but only 40' above the top of the hill to the NE), 2-el Cushcraft 40 and an A4 on a rocket launcher. Using some antenna testing gizmo they found definitively that their SWR on the A4 was either 1.6:1 or 62:1. They had to crank down the rocket launcher to fix a connector. Noting someone had called Gene "Dr. Z" on the repeater -- and he does have

a

Ph.D. I believe (as some of our other members do too, of course) -- I suggested we start calling him "Dr. Zimfoofnik." The 'GNQ crew blew up W3DQ's Titan amp, but due to 'GNQ's many years working with amplifiers while on the staff at Eimac, he was able to negotiate a nice repair deal with

Ten-Tec. And the group was pleased to beat K3ZO's single op effort finally.

W3AZ missed ARRL CW with the flu and didn't fully recover until the ARRL phone was already underway, so he was off the air. Bill was afraid guest op W0CN might catch the germs if he came over. Besides, Dan may have been in Nicaragua by then supporting US presidential travel.

N6CZG, Fred Laun's chief engineer, says Fred comes in 5-9 on his computer modem speaker. Jurasak says he's kept busy fixing Fred's amps but doesn't climb towers any more due to a hair-raising collapse of his 100'-plus tower in California some years ago.

K3ZO noted the comments on amp repairs and said there's a resistor in the Ten-Tec Titan power supply that blows, protecting the rest of the amp. Fred was pleased to edge out K0DQ in ARRL CW. Fred says on phone he "did okay." Mike Martin of PEPCO has been helpful in trying to cure noise problems in a 69 KV line near Fred but those lines have to be shut down to do the work, which can only be done in non-heating and non-air conditioning seasons. The noise peaks at 15 degrees from Fred. Fred noticed the noise was pulsing on and off but discovered it was because the wind was gusty, making his antenna rock left and right enough that it was in and out of that 15 degree noise vicinity. Dry, windy, weather is the worst for Fred's noise. Fred had DL8TWA (K3TW) call him giving a power of five watts and 4X/K4YT chased him all over 80 as Fred S&Ped and told Fred he was loud and should CQ, but Fred was afraid the noise would make him an alligator (loud signal but can't copy). Fred says K4YT will return to the U.S. after trips to Ivory Coast and Mali.

W3ZZ noted K8GP has won the Atlantic Division in VHF contests four times even though the station has been in the Roanoke Division (contest sponsor error).

W3DQ finally has a real hamshack in his house and an Omni-VI Ten-Tec. Eric put in 20 hours in one of the ARRLs, which in recent years for him is along time. Eric's DC QTH is near Chevy Chase Elementary, which I guess means it's near the Maryland line, and it's the second highest topography in DC. K6LEW lives nearby, as does KE3VV. Eric reports K3ZJ had W3USS on in its swan song, making 1,500 QSOs in ARRL phone. The station is being dismantled, leaving K3VOA and 4U1WB as the active club stations in DC.

N1WR did SOLP in ARRL CW with a cold and made 1006 QSOs, 841K. In ARRL phone he was M/S with N3WZR and N3AFT for 960 QSOs, 960K. With 333 mults and QSOs being three points apiece, the QSO total and score match.

WR3Z gave more detail of the operation at WR3L in ARRL CW, where the 2 ops went multi-two and made 3,300 QSOs, 3.8M points, an all time high for Dave's station. Correction, not just 2 ops; they also had N3NT, W6HZW, AA3SC, and WB3V (confirm the last call for me). Barry notes the southern Maryland region is making a thrust, using Field Day to generate interest.

K3MM defended his world record from last year in the RTTY WPX and broke his own mark for the third year in a row, 1800 QSOs in 30 hours. Ty says RTTY activity is increasing. In ARRL CW, Ty was joined by K3RA and an N5 whose call I can't remember at V260 (the V26B station). February weather is better than in the fall, 5-10 degrees cooler and dry. This time they slept in the hamshack. Temps were 70 degrees at night. Station owner, V21N, got excited to have the ops there, so he hired someone to cut the weeds in the beverage field, which meant rolling up the beverage first.

The work didn't get done and Ty had to roll out the beverage haphazardly at the last minute. Ty also put up a "flag antenna" and reports it works as well as a "good working EWE." The flag is a square 29' long and 7' high, with a 1000 ohm resistor in the middle of one end of the wire and fed with coax in the middle of the other end. It's directional toward the coax end. The V260 crew made 7.8M points on 7,600 QSOs, second to HC8A's 8.7M points.

Tyler and Rol were at W3LPL for ARRL phone...joined on 20M by K3NA. This was the tenth time that W3LPL's group has won both modes M/M in the ARRL DX Contest, a record that will stand for along time, and the station and ops are still going strong of course.

The next meeting will be April 12th in room 242 of the George Marshall High School, Route 7, Falls Church, VA. The HS is on Route 7 near Tysons Corner, just off from the DC Beltway near the route 7 exit.

SOUTHERN MD REGIONAL MEETING, 1 Mar 99 by Barry Shapiro, WR3Z

Meeting was held at the home of Wayne Rogers, N1WR. Attendees were: Barry, WR3Z; Wayne, N1WR; Chuck, N3WZR; and Marty, N3HRT. This was the first PVRC meeting for Wes, N3WZU.

N1WR reported activity in the ARRL CW contest, single op with 1007 Q's for 873K points. Wayne had a multi-single for the SSB contest (with N3WZR and N3AFT), with slightly under 1M points tallied.

WR3Z operated the ARRL CW contest from WR3L's M2 effort, where Dave's crew tallied over 3.9M points. Barry was also part of the W3GNQ M2 group in the ARRL SSB contest, where Dick's group collected 3M points.

Before viewing the 3Y0PI Dxpedition videotape, the group continued its discussions on planning and organization for this year's Field Day, with the goal of introducing to hams beforehand various contesting operating techniques and contesting resources (such as CT). [Free copies of CT from

K3DI. -editor] Hams from the local clubs (Calvert and St. Mary's) will be approached over the next several months, with emphasis on the Southern Patuxent ARC (SPARC) group, of which N3WZR is the current president. Potential callsign used will be N3PX. We are looking into a 3A effort, with additional VHF/UHF and Novice/Tech stations.

The next regular meeting is tentatively scheduled for Monday April 5th at N1WR's home.

PVRC/NC Meeting Minutes 3/4/99 by Pete Soper, KS4XG

The meeting was held at Ryans Family Steakhouse, Cary Crossroads, Cary, NC from 6-7:30pm.

Attendees: Lee Hiers AA4GA (visitor), Will AA4NC, Bob K4HA, Jim K4MA (chairman), Jim K4QPL, Pete KS4XG, Jim N3QYE, Bert N4CW, Jeff NX9T, Willy W3GCG, and Will WJ9B.

Membership. Chapter membership remains at 30.

Club business and announcements. K4MA exhorted the members to participate in the upcoming ARRL DX/SSB and CQWW WPX/SSB contests this month.

Upcoming Contests. ARRL DX SSB 3/5, Russian DX 3/20, CQ WW WPX SSB 3/26

Member notes.

W9JB has taking part in the beta test of a new kit transceiver, the Elecraft K2. Will brought his partially completed example along and described its features. It puts out 10 watts with a synthesized frequencies and 10-160m coverage. CW is standard and SSB support is optional. It is about 3/4 the size of an IC735 and very attractively packaged. Will has taken part in the recent ARRL and CQWW contests.

NX9T has taken part in Sprint and the DX and 160 tests. Jeff said the 160 test convinced him to start working on a receive antenna.

W3GCG described his QRP effort on 160. He hand logged the 484 contacts and said his receive antennas made the effort possible. Willie has gotten a computer and will be using CT in the future.

K4HA has gotten time in on the DX and 160 tests but complained of many distractions from work.

KS4XG finally got a 160 meter antenna up that plays well (150' inverted L with series capacitor and 36 1/4wl radials). Pete also recently bought 10 and 15 meter Cushcraft 4 element monobanders to put on his tower fixed on Europe. (The antennas were found for sale at this excellent swap site: <http://classifieds.qth.com/cgi-shl/classfd.exe/m|q|QTH.COM>)

N3QYE has begun assembling a Small Wonder 40+ QRP rig. The documentation was put together by the Internet QRP Group and goes into some theory. Jim is involving some of the students at NC State in the project. He took part in Sprint and will be operating at the W4ATC student station during the DX phone contest.

K4QPL spent a few hours on the DX CW test and swears it was his last contest using his single G5RV antenna. Jim is assembling parts and lining up everything for his tower project with the hope of completion in the Spring.

N4CW had a great time for 24 hours at the AA4NC station (using callsign W4MR). Bert reported that all his wires at home were destroyed by a recent thunderstorm. Bert was also happy to declare his 2nd retirement with the expectation of more time for the hobby.

AA4NC thanked everyone for the QSOs during the DX CW test. Will and K4MA operated as 8P9JA and are holding down first place in the M/S category. Will asked if anyone has seen a score for VP5CW or VP5M. Will also described how he and Jim found the God of Wire on the island. It seems this god is in the form of a "Rasta Dude" and creates sculpture figures out of the wire. Will also introduced his guest Lee AA4GA and said that the two of them and W4WA Ronnie will be operating M/S from the AA4NC station this weekend (callsign W4MR). Will invited any interested club members to drop by and take part in their effort.

AA4GA is from Cornelia, about 80 miles north of Atlanta. Lee is in town on business for the week and decided to join Will for the contest.

K4MA described more details of the 8P9JA effort and how it was difficult to draw the attention of the US ops during the mornings when the European stations were so strong. Jim described their Internet packet hookup and said that although they tried to use it to help with finding mults it had limited usefulness. Jim said that Bill W4ZV hopes to make a presentation of his contest activity at the HC8N site during a future meeting. The next meeting will be 6pm Thursday, April 1st at Ryans.

SWVA CHAPTER MEETING, ROANOKE, VA, FEB 26, 1999 by John Mitchell K4IQ

Members present: John, K4IQ; Mike, N4GU; Jerry, K1SO; Buddy, W4YE; Gordon, K1GG, and Nat, N4EL. Dinner guests: John's two children and Emily, KA4BSA (XYL of N4EL)

Discussion Items:

1. John reviewed the comments made by Riley Hollingsworth, K4ZDH, of the FCC at a recent Frederick, MD PVRC meeting. The comments were focused on the increased monitoring of ham-band operations by the FCC.
2. Recent and upcoming contests: Each member briefly discussed their contest operations of the past month and looked forward to the month of contests. Buddy discussed his good showing in the ARRL DX contest -- he had fun search and pouncing and still used a paper log!
3. Several members discussed ham equipment pricing and availability overseas. Mike reported that members of the Va Tech ARA are helping an Italian ham obtain a reasonably-priced dummy load at about 1/2 the price the same item is sold for in Italy. John and Jerry made interesting comments on "name-brand" equipment that is sold only overseas.

4. Buddy reported that he was having antenna problems. Several suggestions were made as to where to start to ID the problem. Buddy will wait for spring or summer before attempting to hold an antenna tower party.

5. Next meeting will be on March 19 at 6 pm in the Christiansburg Western Sizzlin' restaurant off I-81.

SOUTHWEST VA CHAPTER, March 19, 1999, by John Micthcell, K4IQ

Meeting held at the Western Sizzlen, off Interstate 81 in Christiansburg, VA, on March 19, 1999.

The regular (dinner started at 6:00 p.m.) monthly meeting of the Southwest Virginia Chapter with Coordinator John Mitchell, K4IQ presiding, was held in the Christiansburg area, giving members in that portion of the Chapter shorter travel time.

Attending the meeting, John/K4IQ, Buddy/W4YE, Michael/N4GU, Nat/N4EL and Jerry/K1SO.

Introduction of visitor John Lido/KU4YL, formerly of NJ now residing in Blackburg, VA. John came at the invitation of Michael/N4GU. John is a somewhat new ham with many interests, one of which is contesting and the other perked ears when he told about a project he is starting into Contest Logging software. Being a Software Designer/Developer, John has knowledge in the computer end and wants input from contest operators to get the best possible results. Things we might need and would like to see added that other programs do not have. If you have input, drop John/KU4YL a note via his Internet address [\[email protected\]](#), let him know what you want to see in logging software.

Under Old Business: Reports of past contest activity from members present. Both K4IQ and W4YE worked the ARRL DX CW and Phone contest. Buddy/W4YE stated he did well in the CW part and operated low power in the Phone portion doing fair. K4IQ operated Single Op-High power in the CQ 160 SSB and placed third in PVRC. W4YE said he did work that contest but only limited time. No others had reports to give.

New Business: Upcoming Contest activities were discussed - who would be operating and in what contest. The events discussed, CQWW WPX SSB (as well as, the Phone portion of the WPX later in the year). The inter-club competition of the 5 million awards was talked about and members were reminded to submit their scores for credit. Both K4IQ and W4YE have significant scores bringing them within range of this award. Buddy/W4YE reminded the group of the upcoming Virginia QSQ Party, although not a PVRC contest, it is fun and great to get new operators into the action without pressure. Could mean future members.

Dayton was the next issue of topic, John/K4IQ had plans, as well as, K1GG (who was not at the meeting but would be with K4IQ's group). Jerry/K1SO would be going. Michael/N4GU was still in the planning stages and would know soon. The last of the formal business was handled when

the April meeting time and place was chosen. It will be at Shoney's in Salem, VA. Dinner at 6 p.m., meeting at 7 p.m., on Friday night April 30, 1999.

The meeting was then open to discussion of a tower addition on the current antenna system of Buddy/W4YE. With the combined experience in the group an engineering solution was quickly proposed. John/K4IQ was to stop by and give the project a quick eye and report back if positive results could be obtained with the addition.

After all business concerns had been handled, the group then discussed some articles read in various publications. As a result of some of the articles, the discussion of some new and old rigs on the market took center stage, with the popular consensus seeming to be the 1000MP. The always present antennas topic was also discussed. Also a question about PVRC logo articles ordered came up. Had anyone in the SW VA Chapter received anything? This would be checked on and results reported back. The meeting adjourned at 8:45 p.m. Minutes submitted by Jerry Haislip/K1SO

NW REGIONAL MEETING MINUTES - March 16, 1999 by Greg Altig, N5OKR
([\[email protected\]](#))

In attendance were members N5OKR, W3ZZ, K3SX, K3TZV, NE3H, K3MM, W9LT, K3DNE, K3IXD, N3KTV, W8ZA, K3WC, N3HBX, WX3B and guests N3YDT and N3SB.

Business: Ideas regarding a regional award program were tossed about. I welcome any and all suggestions and can be reached via email, packet (via ND3F), snail mail or phone. Current ideas include a FUBAR award, and a participation (highest percentage of contests entered and score submitted) award.

Both N3YDT and N3SB were attending their second meeting (at least!) and were voted into membership. Welcome aboard!

From the introductions:

W3ZZ, Gene, was part of the W3GNQ team for ARRL SSB and reports a score of 3.002 million. Jeez, can you be a little more precise, Gene?

K3DNE, Ed, was part of the W8ZA crew for ARRL SSB. He now has a Rocket Launcher and Cushcraft tribander that will be going up this spring for his initial HF effort.

K3SX, Sid, a svelte 93 pounds lighter according to the sign-in sheet, reports bagging 2 new ones on 160m, including T30R, bringing his total on that band up to 190.

NE3H, Joe, reports that he will soon be contaminating the 6 meter band with his "dirty little signal". Is nothing sacred any more?

K3TZV, Steve, detailed the noise problems he is having at his QTH. He is

still working toward organizing the Pennsylvania PVRC chapter.

K3MM, Tyler, took part in the WPX RTTY contest and set a new record. Yowza! He was also part of a M/2 effort at V260 for ARRL CW that appears to have finished second to HC8N. Finally, he was teamed with K3RA and K3NA on the 20 meter positions at W3LPL for ARRL SSB. Under poor band conditions, the M/M effort netted first place with 11.5 million. This is the 10th year that Frank's team has won both ends of the ARRL DX contest. Congratulations!

W9LT, Lamar, reports there is a contract on his QTH, so the antennas may be coming down this spring. He logged a very respectable 2.1 million as a M/S in ARRL SSB.

K3IXD, Ed, participated in the January 160m SSB contest. He also took part in ARRL SSB, but reports losing his 80m vertical and the 20m element on the quad on Saturday.

N3KTV, Jim, said his last big effort was in the January VHF contest where he scored over 30K in only 4 hours while driving around 4 grid square corners in Delaware.

N3HBX, John, reports having the misfortune to "miss every damn contest since ARRL 10m in December."

W8ZA, Robert, reported the recent loss of his father, W8LJU, whom had been licensed over 40 years. Our sincere condolences, Bob. He entered the ARRL CW contest as a SO/UA and logged 700K, then added another 1.64M to the PVRC total as a M/2 in the SSB mode of that 'test. Unfortunately, he reports the loss of a TS-850 and two computers in the latter one.

N3YDT, took some good-natured ribbing for the sorry state of the "unofficial" PVRC repeater (147.000(-) K3WX/R) in his first round-table introduction as a new member, but "Teflon Jim" let all the jeers roll right off and reports repairs are forthcoming, including a new VHF controller.

K3WC, Dusty, debuted his new call (ex WA3IKK) and reported constructing a K9AY receiving antenna for 160m.

N3SB, Steve, detailed his efforts from K3PZN, the Carroll County ARC, that has been very active in recent 'tests. He has been using The club as an excellent contest training tool for new members.

WX3B, Jim, reported his wire Windoms, good radios, a love of contesting, and teaming with N3SB at CCARC has made life good. Meeting adjourned.

DAYTON HAMVENTION(r) NEWS RELEASE, 3/1/99

Dayton, OH. The 1999 Dayton Hamvention(r) is proud to announce our 1999 Award Winners. The are:

Amateur of the Year has been awarded to Kenneth M. Miller, K6IR, of Rockville, MD, for the leadership, vision and dedication exhibited during

his
nearly 60 yers of continuous involvement in amateur radio.

Technical Excellence has been awarded to Alfonso R. Torres, KP4AQI, of
Huber Heights, OH, for his numerous designs and inventions that have
enhanced the art and science of amateur radio operations.

Special Achievement has been awarded to Paul D. Lieb, KH6HME, of Hilo, HI,
for his pioneering and record-setting work in tropospheric ducting and
VHF, UHF, and Microwave communications.

S C O R E S

by Bob Dannals, W2GG

** Changes/additions/deletions to W2GG via email or packet **

** NEW EMAIL: [\[email protected\]](#) **

ARRL VHF SS RESULTS (FINAL 3/15/99)

CALL	BND	QSO	MULTS	TOTAL
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SINGLE OPERATOR

K1RZ	7	735	200	230,112
K3DNE	6	601	169	153,283
K2UOP	A	366	118	68,912
K3ZO	2	482	104	50,128
W3EKT	2	320	65	20,800
N4MM	3	250	62	17,360
K3IXD	4	190	36	8,244
N3II	2	187	31	5,797
NE3H	2	125	32	4,736
K4SO	1	102	21	2,142
K3OSX	2	70	20	1,400
K4HA	1	51	20	1,020
N3AM	1	68	14	952
N8II	1	59	14	826
W3JRY	2	42	12	540
W2GG	2	29	12	384
N4TL	1	9	5	45
W3FG	#	#	#	45

ROVER

N3IQ	A	1672	233	1,384,000
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Ops: ND3F and WD8ISK

MULTI-OP

K3SX	4	364	101	44,541
W4ATC	2	51	20	1,020

21 LOGS		TOTAL		1,996,287
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STILL RUMORS!

K8GP	A	###	###	893,000
K6LEW	A	###	###	600,000

Last Year	Entries	Total
* UNLIMITED CATEGORY *		
Mt Airy VHF R C	56	2,810,913
* MEDIUM CATEGORY *		
Potomac Valley RC	21	1,784,971
Northeast Weak SG	49	1,588,997
Rochester VHF Grp	36	1,560,235

K3SX W4XP K3SX
W4ATC N3NPQ N3QYE NA3T KE4QIU KF4RDN

ARRL DX CW (#7 3/19/99)

CALL	BND	QSO	CTY	TOTAL
SINGLE OP HIGH POWER				
K3ZO		3326	399	3,981,222
K0DQ		3345	396	3,972,672
N4AF		3106	377	3,466,515
W4MR*		1717	302	1,555,602
W9LT		1647	310	1,525,200
N3AM		922	311	858,360
W3GN		923	281	778,089
K2UOP		1082	234	759,569
N8II	15	1771	106	563,178
W4YE		709	256	544,512
N4MM		524	238	374,136
W3EKT		550	213	348,000
K3SV		401	147	176,400
W4VC		271	124	100,812
W4HJ		230	129	89,010
K3SX		155	###	46,000

SINGLE OP LOW POWER				
N1WR		1006	289	872,202
W3DAD		771	249	575,937
K4BAM		717	247	530,556
K7CMZ		662	234	461,214
K1EFI		625	235	459,660
WJ9B		617	223	412,773
NX9T		352	182	192,192
K4HA		353	168	177,912
K4QPL		280	145	121,800
KS4XG		266	150	119,700
W4HM	10	281	74	62,382
W3CP	15	281	63	53,109
K3HH		169	50	25,350
N3WK		39	28	3,276

SINGLE OP QRP

SINGLE OP ASSISTED				
K3SA		1294	330	1,271,160
W3HVQ		1143	320	1,096,320
W3UJ		943	305	861,930
N4ZR		807	248	597,432

K4PB	659	280	553,560
K3KO	500	204	306,000
NY3M	393	229	269,991
K4VV	310	172	159,960
W3FG	226	143	96,954
N3GPU	114	71	24,282

MULTI-SINGLE

N4RV	2628	392	3,089,352
W4PRO	805	327	789,705

MULTI-TWO

NJ4F	3879	456	5,306,472
WR3L	3081	423	3,907,251

MULTI-MULTI

W3LPL	7146	602	12,896,646
W4MYA	4916	496	6,800,800

DXPEDITIONS

8P9JA	5267	342	5,403,942
(multi-single)			
KG4DZ	4276	304	3,899,712
(multi-single)			
N4MO/TI7	1337	58	232,638
(SOLP, 15 m only)			
NP2S*	2211	208	1,379,664
(SOLP)			
V26O*	7667	345	7,935,345
(multi-two)			
WP3R*	4852	332	4,832,592
(SOHP)			

52 LOGS	CW TOTAL	84,919,048
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LAST YEAR'S RESULTS (SSB & CW)

Club	Logs	Score
FRC	173	243,591,930
YCCC	176	221,027,178
PVRC	121	97,101,300

OPERATORS:

8P9JA	K4MA	AA4NC
KG4DZ	W4ZYT	W4SD
N4RV	K3OSX	N4RA N4RV KT4W
NJ4F	NJ4F	K4EU K4EC WA4JUK K4GMH K7SV K1SE Daisy
NP2S	K3DI	
V26O	K3MM	K3RA N5NJ
W3LPL	K1HTV	AI3M ND3F N3OC W2GG K4ZW WB2FFY
	K3NA	KD4D K1RA K3RV W3LPL K9PG
W4MR	N4CW	
W4MYA	K4GAU	K4GE W4DAA W4DR W4HZ WA4QDM WK4Y WU4G W4MYA

W4PRO W4HIR WB4DNL AF4CD W4PRO
WP3R KE3Q
WR3L AA3SC N3NT WR3L WR3Z WX3B W6HZW

CQ 160M SSB (#5 3/16/99)
CALL QSO ST DX SCORE

SINGLE OP HIGH POWER

W4MYA	905	57	29	196,424
K8OQL	643	53	14	100,098
K4IQ	503	56	13	81,489
K2UOP	506	52	7	64,723
NX9T	461	51	8	60,180
K3OSX	361	45	3	37,632
K4MA	336	42	7	36,456
K3SV	214	43	3	22,126
K4HA	198	41	5	20,378
ND3F	200	(50)		20,000
N4MM	120	39	4	11,825
K4SO	100	35	7	10,752
4U1WB	103	24	0	5,160
K4VV	77	27	2	4,814
W3AO	55	(21)		2,684
N4TL	42	(21)		1,953

SINGLE OP LOW POWER

WK3I	417	(56)		51,296
KS4XG	349	42	7	38,808
N8II	292	41	4	29,205
W3EKT	194	36	4	17,400
W8ZA	174	(38)		15,908
N3GPU	159	33	1	11,424
WD3A	143	(34)		10,642
NV3V	123	30	1	8,184
W3MR	125	27	2	8,120
W4YE	120	(36)		9,288
W4HJ	94	30	2	6,496
N3UN	82	(28)		5,104
W3CP	81	(28)		5,040

SINGLE OP QRP

W3GCG	484	35	7	22,264
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MULTI OPERATOR

N4RV	558	53	20	102,127
K3IXD	445	51	14	70,005
K3MM	300	(70)		56,070
W2GG	307	47	10	40,185
KB3AUG	298	46	5	34,883
K3KO	97	32	2	7,208
W3HVQ	77	32	3	6,825
K3DI	45	22	3	2,750

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38 LOGS SSB	TOTAL	1,235,926
40 LOGS CW	TOTAL	2,981,845
78 LOGS MIX	TOTAL	4,217,771

LAST YEAR (combined SSB & CW)
 Frankford R C 6,366,228
 Slovenia Contest C 5,138,233
 Contest C Finland 4,294,949
 Potomac Valley R C 3,373,098
 * * * * *

Guest Operators:
 K8OQL from W9LT QTH
 W3AO KE3Q

Multiop operators:
 Single op plus packet unless indicated below.

ARRL DX SSB (#6 3/19/99)

CALL	BND	QSO	CTY	TOTAL
SINGLE OP HIGH POWER				
K3ZO	1940	403		2,345,460
W3USS	1504	347		1,545,885
NX9T	1080	325		1,053,000
K3OSX	1014	311		946,062
W3MR	894	312		836,784
K4HA	816	288		705,024
N4ZR	794	282		670,032
K2UOP	771	284		656,892
W4JVN	760	281		640,680
W3EKT	631	291		549,990
KS4XG	516	244		377,712
KC3TL	622	237		442,242
N4MM	529	235		372,945
AJ3M	586	202		355,116
N4CW	410	201		247,230
N8II	10	624	101	189,072
K4ZW	20	1115	117	391,000
W3JRY	201	118		70,092
N4MXT	40	185	72	39,960
K3SV	100	66		19,800
N2QT	35	31		3,255
N4TL	13	11		396

SINGLE OP LOW POWER				
W3DQ	460	235		324,300
W4YE	417	203		253,953
NV3V	334	183		183,366
W4SD	250	159		119,250
W3CP	163	70		34,230
W2BZR	10	181	62	33,666
N3WK	126	80		30,240
N3EYB	32	26		2,496

SINGLE OP QRP

SINGLE OP ASSISTED

K3DI	873	391	1,024,020
W3UJ	758	289	656,319
KB3AUG	615	314	579,330
K3IXD	554	280	465,360
K3KO	500	241	360,054
N3GPU	354	185	196,470
N3RC	289	153	132,651
W3YD	275	149	122,925
K3SA	202	126	75,222
AA4KD	60	41	7,380

MULTI - SINGLE

W4MR	1989	499	2,977,000
N4RV	1830	464	2,541,792
W9LT	1701	413	2,103,822
N1WR	960	333	959,040
W3HVQ	628	310	583,110
K4VV	536	253	405,306
WR3L	15	474	149,310

MULTI - TWO

W3GNQ	2086	480	3,002,400
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MULTI - MULTI

W3LPL	5753	672	11,581,920
W4MYA	3172	549	5,219,343

DXPEDITIONS

VP2VW	7427	280	6,238,680
TI7/N4MO	1775	58	308,850

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  52 LOGS SSB TOTAL    52,878,434?
  52 LOGS CW  TOTAL    84,919,048
102 LOGS MIX TOTAL    137,797,482
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LAST YEAR'S RESULTS (SSB & CW)

Club	Logs	Score
FRC	173	243,591,930
YCCC	176	221,027,178
PVRC	121	97,101,300

OPERATORS:

K4VV W4LIP W1HIR K4VV
 N1WR N3WZR N3AFT N1WR
 N4RV KT4W N4RV
 VP2VW W4CE W4NF W4RM W4DAV VP2VW
 W3GNQ W3GNQ W3ZZ WR3Z WI2T K3RFC N3OC N3NT
 W3HVQ W3HVQ N3TRP
 W3LPL K1HTV AI3M ES2RR W2GG W3LPL N2IC KD4D K3MM K3NA K3RA K1RZ

KE3Q K8CC K3MQH N5OKR
W3USS K3ZJ
W4MR AA4NC K4MA W4WA AA4GA
W4MYA KB4DI N4DEN N4ZJ W4DAA W4DR W4HJ W4HZ WB4GVZ W4MYA
W9LT W9LT K8OQL
WR3L AA3SC WR3LREFERENCE PAGE. Please send corrections to the editor.
3/22/99 changes are underscored.

PVRC Officers

President	K3MM	Tyler Stewar
301-414-5444		
Vice President	N3OC	Brian McGinness
301-652-6768		
Secretary	KE3Q	Rich Boyd
301-464-8014		
Treasurer	WR3L	Dave Baugher
410-DX1-WR3L		
Historian	K3SA	Steve Affens
301-774-0558		
Membership Sec	W2GG	Bob Dannals
410-472-2004		

PVRC Charter Members:

W3GRF (SK), W4AAV (SK), W4KFC (SK), N0FFZ (SK), W4LUE, W7YS, VP2VI (W0DX),
W3IKN, W4KFT.

PacketCluster Contest/DX System (MHz):

W3LPL	Glenwood MD	145.590	441.250
KE3Q	Bowie MD	145.570	445.375
N3RR	Rockville MD	145.510	441.325
N4OHE	Mt.Weather VA	145.710	440.925
K3MQH	S Mountain PA	145.630	
WR3L	Baltimore MD	145.610	440.950
N4SR	Woodbridge VA	145.630	*
K4FJ	Mt. Vernon VA	145.770	*
KE3QZ	Hollywood MD	145.690	*
K3SKE	Frederick MD	144.930	

This system is sponsored by the Potomac Valley DX Spotting Network except
"*" are independently funded by each SYSOP.

PVRC on Internet.

PVRC web site by K3SA:

<http://www.pvrc.org>

PVRC/NC web site by KS4XG

<http://www.pagesz.net/~pvrcnc>

PVRC reflector: (editor KS4XG)

Get latest scores & activities info here

To post: [\[email protected\]](#)

To join* send email to:

[\[email protected\]](#)

Text: SUBSCRIBE PVRC

*Members only. If your call is not within your URL, then send msg to
[\[email protected\]](#)

PVRC dues and ARRL renewals: The annual dues are by donation - hopefully at least \$10. Club gets a cut from ARRL renewals sent via PVRC. Both dues and renewal checks should be made to PVRC and sent to Dave Baugher, WR3L, 615 Rockway Beach Av, Baltimore, MD 21221. Thank you.

Newsletter & Autocall column Editor: Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. Voice 410-757-6706, FAX/modem 410-757-6720, Dxcluster packet, and [\[email protected\]](#) Deadlines are normally the third week of each month on the day after the last PVRC monthly meeting.

CENTRAL: The Central Meeting is always the second Monday (except June, July, and August) at 7:30 pm. The central meeting generally alternates between MD and VA locations. A pre-meeting dinner is usually held between 5:00 and 6:30 pm. Check via 147- repeater.

VA LOCATION: The Patrick Henry (Public) Library, Route 123, Vienna, VA. Pre-meeting dinner at Outback, Old Branch Ave.

MD LOCATION: Church of the Nativity (Episcopal), Route 5, Temple Hills, MD. Pre-meeting dinner at Topolino's.

NORTHWEST: Greg Altig 410-775-7313 [\[email protected\]](#) Meets at 7:30 pm on the third Tuesday every month at Tully's Grill, 1080 W. Patrick St, Frederick, MD. Same center as Shoppers Food Warehouse. Essentially includes WEST VIRGINIA area.

NORTH CAROLINA: Chair: Jim Stevens, K4MA, [\[email protected\]](#); Sec: Pete Soper, KS4XG, [\[email protected\]](#), reflector editor, hm: 919-362-4635, wk: 919-481-6874. Activities: Jim Stevens, K4MA. POC is K4MA & KS4XG. Howie Hoyt, N4AF, [\[email protected\]](#) is PVRC reflector editor. PVRC/NC meets at 6:00 pm the first Thursday of every month at Ryan's Family Steakhouse at Crossroads in Cary.

TIDEWATER (VA) COLONY OF PVRC:

Don Lynch W4ZYT 757-486-0728 [\[email protected\]](#) Meetings are the 3rd or 4th Tuesday of every month in conjunction with the VA DXCC at C&M Cafeteria, Independence Blvd at the Giant Shpping Center. Take I-64 to 44/I-264 inter-change, go east on 44. Take Independence about 1.5 miles. C&M is on the left. Dinner at 7 and meeting at 8.

SOUTHWEST VA CHAPTER: Coordinator: John Mitchell, K4IQ, Catawba, VA 540-384-7377, [\[email protected\]](#) Monthly meetings alternate between Roanoke area locations

THE BWI REGIONAL/PVRC: Weekly breakfast Wed at 7:30 AM at Basil's Deli Port on Elkrdige Landing Rd 1/4 mile South of Winterson Road 410-850-4333. Director: Ike Lawton, W2EOS, 410-263-2830. Secretary: Howard Leake, W6AXX, 410-465-7008, [\[email protected\]](#)

OVER-THE-HILL LUNCH BUNCH: Rotating hosts announces meeting info. Ben Shaver, AA4XU, 703-534-4740; Andy Anderson, W3XE, 301-384-7771, [\[email protected\]](#), Holiday Inn, College Park MD; and Bill Leavitt, W3AZ, 301-292-5797, Ramada Inn, Oxon Hill

PENNSYLVANIA: Steve Cutshall, K3TZV, [\[email protected\]](#), 717-763-0462.

RAPPAHANNOCK: Steve Bookout, NJ4F [\[email protected\]](#) Also, Larry Schimelpfenig, K7SV, [\[email protected\]](#).

WOODBIDGE: Jack O'Mara W4NF, [\[email protected\]](#) 703-680-4106 and Cliff Deel W4CE, [\[email protected\]](#) 703-491-0841

CENTRAL VA: Bob Morris, W4MYA 804-457-9011 [\[email protected\]](#).

SOUTHERN MD: Chair: Barry Shapiro, WR3Z. (H) 301-862-2466 Usually meets at N1WR's. [\[email protected\]](#).

EASTERN-SHORE (DEL-MAR-VA): Dallas Carter, W3PP 302-875-0550 [\[email protected\]](#).

WEST (Shenandoah, etc): Chair vacant

NORTHEAST: WR3L, see info above

EAST (Annapolis): KE3Q, see info above

OTHER MEETINGS based on prior year(s):

Jun. W3LPL open house Sat before Field Day with joint
FRC/PVRC meeting on alternate years. (1999, 2001,...)
summer. When joint FRC/PVRC is at FRC, they announce the date.

Jul. PVRC/NC cook out

Jul. Open house, W4MYA, Goochland,

Aug. NCDXA/PVRC Fowlfest at W3YOZ

Aug. VHF++ meeting/workshop at ND3F

Sep. PVRC meeting at the FARfest Bowie

Sep. Open house, WR3L, Baltimore

Dec. Christmas dinner, DC area.

5 MILLION (CLUB COMPETITION) AWARD

Month and number of the full week end.

Jan 3 ARRL VHF Sweepstakes

Jan Last CQWW 160m CW

Feb 3 ARRL DX CW

Feb Last CQWW 160m SSB

Mar 1 ARRL DX SSB

Mar Last CQWW WPX SSB

May Last CQWW WPX CW

Oct Last CQWW DX SSB

Nov 1 ARRL Sweepstakes CW

Nov 3 ARRL Sweepstakes SSB

Nov Last CQWW DX CW

Dec 1 ARRL 160m Mixed

Dec 2 ARRL 10m Mixed

Standings at <http://jctc.org/pvrc5m.htm>

Roster updates at: <http://www.pvrc.org/pvrcmm98.htm>

A FREE COPY OF CT 6.26 with updated CTY and SEC files is available from K3DI.